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HAYES

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In Re Patent Application Of: Detalle                      Our File: 11330-01 US  
Application No: 09/987,819                      Group Art Unit: 2877  
Filing Date: November 16, 2001                      Examiner: Philip Natividad  
Title: Method and Apparatus for Three-Dimensional Compositional  
Mapping of Heterogeneous Materials

February 20, 2003

Assistant Commissioner for Patents  
Washington, D.C. 20231 U.S.A.

Sir:

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FEB 24 2003  
TECHNOLOGY CENTER-2800

**Preliminary Amendment**

Please amend the above-identified application as follows:

**In the Specification**

Please replace pages 1 through 19 currently on file with new replacement specification pages 1 through 22 as submitted in Attachment A.

**In the Claims**

Please delete Claims 1 to ~~25~~ presently on file. Please add new claims 26 to 57 submitted herewith in Attachment B.

**In the Disclosure**

Please replace paragraphs 0006, 0010-0012, 0014-0016, 0026-0028, 0031-0039, 0041-0052 with amended paragraphs 0006, 0010-0012, 0014-0016, 0026-0028, 0031-0039, 0041-0052 submitted herewith in Attachment B.